

WHAT IS CLAIMED IS:

1. A waveguide-type dielectric filter comprising a dielectric block, a plurality of resonators formed in said dielectric block, and a coupling portion for adjustably
5 coupling the adjacent resonators,

wherein said dielectric block includes a pair of dielectric substrates which are divided in the arranging direction of said resonators and joined together through joint surfaces thereof, and a slot formed in at least one of said joint surfaces to provide said coupling portion between the adjacent resonators.

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2. The waveguide-type dielectric filter as defined in claim 1, wherein said slot is formed in each of said joint surfaces.

3. The waveguide-type dielectric filter as defined in claim 2, wherein said slot is
15 formed in each of said joint surfaces in a symmetrical arrangement.

4. The waveguide-type dielectric filter as defined in claim 1, wherein said slot is formed in only one of said joint surfaces.

- 20 5. The waveguide-type dielectric filter as defined in claim 4, wherein said dielectric substrate having the joint surface formed with said slot has a width greater than that of the other dielectric substrate.

6. The waveguide-type dielectric filter as defined in claim 1, which includes input
25 and output sections, and a conductive film formed between said joint surfaces to provide a coupling portion of said input or output section.